

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
5 August 2004 (05.08.2004)

PCT

(10) International Publication Number  
**WO 2004/066188 A3**

(51) International Patent Classification<sup>7</sup>: **G01S 13/78**

(21) International Application Number:  
PCT/SE2004/000067

(22) International Filing Date: 21 January 2004 (21.01.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0300177-3 24 January 2003 (24.01.2003) SE

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

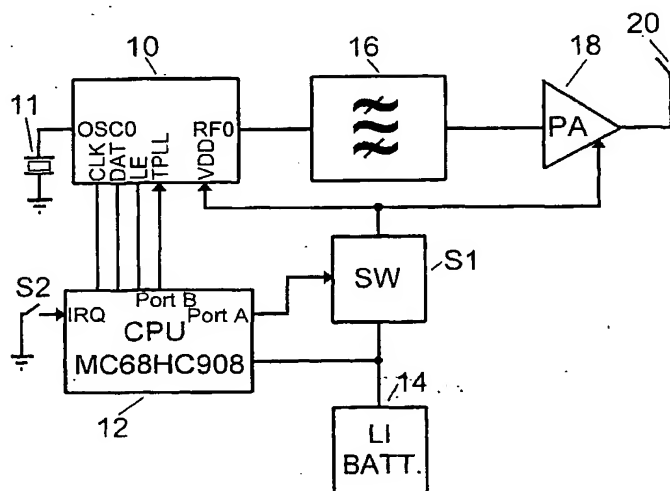
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:  
— with international search report

(88) Date of publication of the international search report:  
11 November 2004

[Continued on next page]

(54) Title: **SYSTEM AND TRANSMITTER FOR CONTROLLING ANTI-THEFT TRANSPONDERS**



(57) Abstract: An improved system for an anti-theft transponder is disclosed. The new system includes, besides a general paged transponder an autonomous low power transmitter device capable of transmitting a specified address code for accessing at least one anti-theft transponder which comprises one receiver module operating on a designated frequency used by a general coverage paging system. A transponder of the system additionally comprises a number of further modules used for the tracking of the device when activated. An anti-theft transponder of the improved system according to the present invention is provided with a first individual access identity intended for authorization of activation by the paging system and at least a second general access identity code will be used for control of a direct activation within a limited coverage of the low power transmitter. A low power transmitter can also be regularly transmitting a general access identity code for a control that the item under surveillance does not illegally leave a site where it is kept.

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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/000067

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: G01S 13/78

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: G01S

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5673037 A (CHRISTIAN LENZ CESAR ET AL), 30 Sept 1997 (30.09.1997), column 2, line 10 - line 63; abstract --	1-9
A	US 6313740 B1 (DAVID GOETZ), 6 November 2001 (06.11.2001), column 3, line 36 - line 55; column 5, line 61 - column 6, line 29 --	1-9
A	EP 0924635 A2 (DATA INVESTMENTS LIMITED), 23 June 1999 (23.06.1999), figure 6, abstract --	1-9

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

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Date of the actual completion of the international search

14 April 2004

Date of mailing of the international search report

23 -04- 2004

Name and mailing address of the ISA/

Swedish Patent Office

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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/000067

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5434572 A (GREGORY M. SMITH), 18 July 1995 (18.07.1995), column 2, line 56 - column 4, line 62, figure 1  --	1-9
A	US 5917423 A (WILLIAM R. DUVALL), 29 June 1999 (29.06.1999), column 2, line 7 - line 25  -- -----	1-9

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27/02/2004

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